Index of Claims

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Examiner

SHIELDS ET AL. Art Unit

Robert M Kunemund

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Applicant(s)

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|------------|----------|-----------------|----------|----|----------------|--------------|------------|----------------|--------------|------------|----------|----------|----------|---------|---------|--------------|--------------|--|---|---|----------|----------|----------|------------|-------------------------------------|----------|----------|----------|----------|----------|----------|---|----------|
| <u>a</u>   | inal     | B               | _        | ,. |                |              |            |                |              |            | <u></u>  | <u> </u> |          |         |         |              |              |  |   |   |          |          | <u>a</u> | inal       |                                     |          |          |          |          |          |          |   |          |
| Final      | Original | 13/15           |          |    |                |              |            |                |              |            | Final    | Original |          |         |         |              |              |  |   |   |          |          | Final    | Original   |                                     |          |          |          |          |          | :        |   | 1        |
|            | 1        | -               |          |    |                | H            | <u> </u>   |                |              | H          |          | 5        | $\vdash$ |         | +       | $^{+}$       | T            | 1  | Ť   | 7   | $\neg$   | $\dashv$ | -        | 101        |                                     | $\vdash$ | $\vdash$ |          |          |          |          |   |          |
|            | 2        | 11-411          |          |    |                | Г            |            |                |              |            |          | 52       |          | Ť       | T       |              |              | 寸  |   | 1   | 1        | $\neg$   |          | 102        |                                     |          |          |          |          | -        |          |   |          |
|            | 3        | 7               |          |    | 1              |              |            |                |              |            |          | 53       |          | T       | T       | 7            | 7            | 7  |   | $\neg$  | T        | $\neg$   |          | 103        |                                     | П        |          |          | _        |          |          |   |          |
|            | 4        |                 |          |    |                |              |            |                |              | П          |          | 54       |          |         |         |              | 1            |  |   | _   |          |          |          | 104        |                                     |          |          |          |          |          |          |   |          |
|            | 5        | 1               |          |    |                |              | 1          |                |              |            |          | 5        | 5        | T       |         |              |              | T  |   | 一   |          |          |          | 105        |                                     |          |          |          |          |          |          |   |          |
|            | 6        | I               |          |    |                |              |            |                |              |            |          | 56       | 3        | Т       |         |              |              |  | ı   | T   |          |          |          | 106        |                                     | П        |          |          |          |          |          |   |          |
|            | 7        |                 |          |    |                |              |            |                |              |            |          | 5        |          |         | $\top$  | Т            |              | $\Box$   |   |   |          |          |          | 107        |                                     |          |          |          |          |          |          |   |          |
|            | 8        |                 |          |    |                | L            |            | <u> </u>       |              |            |          | 58       |          |         | $\perp$ |              |              |  |   |   |          |          |          | 108        |                                     |          |          |          |          |          |          |   |          |
|            | 9        |                 |          |    |                |              |            |                |              |            |          | 59       |          |         |         |              |              |  |   |   |          |          |          | 109        |                                     |          |          |          |          |          |          |   |          |
|            | 10       |                 |          |    |                |              |            |                |              |            |          | 60       |          |         |         |              |              |  |   |   |          |          |          | 110        |                                     |          |          |          |          |          |          |   |          |
|            | 11       |                 |          |    | <u> </u>       | <u>L</u>     |            |                |              | Ш          |          | 6        |          |         |         |              | $\perp$      |  |   |   |          |          |          | 111        |                                     |          |          |          |          |          |          |   |          |
| L          | 12       | <b> </b>        |          |    | <u> </u>       | L            | <u> </u>   | _              | $oxed{oxed}$ | Ш          | <u> </u> | 62       | 2        | $\perp$ | $\perp$ |              | _[           |  | [   |   | [        | _        |          | 112        |                                     |          |          |          |          |          |          |   | _        |
|            | 13       | L               |          |    |                | L            | <u> </u>   | <u> </u>       | _            | Ш          |          | 63       |          | $\perp$ | $\perp$ | ↓            | $\downarrow$ |  | _   |   |          |          | L        | 113        |                                     | Ш        |          |          |          |          |          |   |          |
|            |          | 11              | L        |    | <u> </u>       | _            | <u> </u>   | <u> </u>       | _            | Ш          |          | 64       |          | $\bot$  |         | $\perp$      | 4            |  | 4   | Ц   |          |          | L        | 114        | Ш                                   | Ш        |          |          |          |          |          |   |          |
| L          | 15       |                 |          |    | <b> </b>       | <u> </u>     | ــــــ     |                |              |            | <u> </u> | 6        |          | _ _     | _       | $\downarrow$ | 4            | 4  | $\downarrow$  | _   |          | _        |          | 115        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        |          |          |          |          |          |   |          |
| <u> </u>   | 16       | 1               |          |    | <u> </u>       | ļ            | <u> </u>   | <u> </u>       | <u> </u>     | Ш          | <u> </u> | 66       |          | $\bot$  |         | 4            | 1            | _  | _   | _   | _        |          |          | 116        | L                                   | Ш        |          |          |          |          |          |   |          |
| <u> </u>   | 17       |                 |          |    | <u> </u>       |              | _          | _              |              | Щ          | <u> </u> | 67       |          | _       | 4       | $\bot$       | $\perp$      | _  | _   | _   | _        | _        |          | 117        |                                     | Ц        |          |          |          |          |          |   |          |
|            | 18       | 4               |          |    | <u> </u>       | ↓            | <u> </u>   |                |              | Щ          |          | 68       |          | 4.      | -       | 4            | +            | 4  | 4   | _   |          | _        |          | 118        |                                     | Ш        |          |          |          |          | $\Box$   |   |          |
|            | 19       | 1               |          |    | <u> </u>       | ⊢            | -          | -              |              | Н          |          | 69       |          |         | $\perp$ | 4            | 4            | _  | _   | 4   | _        |          |          | 119        |                                     | Ш        |          |          |          |          |          |   |          |
| <u> </u>   | 20       | 2               |          |    | <del> </del> — | L            |            | <u> </u>       |              | Ш          |          | 70       | <u> </u> | -       | $\perp$ | 4            | 4.           |  | _   | _   | _        | _        |          | 120        | L                                   | Ш        |          |          |          |          |          |   |          |
| <u> </u>   | 21       |                 |          |    | <del> </del>   |              | _          | <u> </u>       |              | Ш          | <u> </u> | , ,      |          | 4       | +       | 4            | +            | -  |   | _   | _        |          |          | 121        |                                     |          |          | _        |          | _        |          |   | _        |
| <u> </u>   | 22       |                 |          |    |                |              |            |                | -            |            | _        | 72       |          | _       | +       | $\perp$      | 4            |  | -   |   | _        |          |          | 122        |                                     |          |          |          |          |          |          |   | -        |
| -          | 23       |                 |          |    |                | <del> </del> | ├          |                |              |            | -        | 73       | !  -     | +       | +       | +            | 4            | -  | 4   | _   | _        |          |          | 123        |                                     |          |          |          |          | _        |          |   |          |
|            | 24<br>25 |                 |          |    |                |              | ├          |                | _            |            | -        | 74<br>75 | -        |         |         | +            | +            | +  | +   |   |          | _        | -        | 124        |                                     |          |          |          |          | -        |          |   |          |
|            | 26       |                 |          |    |                | -            | -          |                |              |            |          | 76       | +        | +       | +       | +            | +            | +  | +   |   |          |          |          | 125        | _                                   |          |          |          |          |          |          |   |          |
|            | 27       |                 |          |    | _              |              | $\vdash$   |                |              | _          | $\vdash$ | 77       |          | +       |         | +            | +            | +  | +   | +   | -        | _        | $\vdash$ | 126<br>127 |                                     | Н        |          |          |          |          |          |   |          |
|            | 28       |                 |          |    |                | <del> </del> | -          |                |              |            | -        | 78       |          | +       | +       | +            | +            | +  | +   | $\dashv$  |          | $\dashv$ |          | 128        |                                     | H        |          |          |          |          | _        |   | -        |
|            | 29       |                 |          |    |                |              | -          | 1              | _            |            | -        | 79       |          | +       | +       | +-           | -            | +  | +   | <del>-  </del>  | -        |          | -        | 129        |                                     |          |          |          | _        | -        |          | _ | $\dashv$ |
|            | 30       |                 |          |    |                |              |            | <del>  -</del> |              |            | -        | 80       |          | +       | +       | +            | +            | +  | +   | +   | $\dashv$ | -        |          | 130        | -                                   |          |          |          |          |          | -        | _ | _        |
|            | 31       |                 |          |    |                | t            | t          |                | Н            | Н          |          | 81       |          | +       | 十       | +            | +            | +  | +   | +   | $\dashv$ | $\dashv$ |          | 131        |                                     | $\vdash$ | $\vdash$ | -        | $\vdash$ | $\dashv$ | -        | - | _        |
| <b>-</b>   | 32       |                 |          |    |                | Г            | <b>—</b>   |                |              | $\Box$     |          | 82       |          | $\top$  | $\top$  | $\top$       | $^{\dagger}$ | $\top$   | 十   | -   | $\dashv$ | $\dashv$ |          | 132        |                                     | $\vdash$ |          | $\dashv$ |          | $\dashv$ | -        | _ | $\dashv$ |
|            | 33       |                 |          |    |                |              | 1          | П              |              | П          |          | 83       |          | $\top$  | +       | $\dagger$    | $\top$       | $\top$   | $\top$  | $\dashv$  | +        | $\dashv$ |          | 133        | $\vdash$                            | H        | $\dashv$ |          |          | $\dashv$ | $\dashv$ | _ | $\dashv$ |
|            | 34       |                 |          |    |                |              |            |                |              | $\Box$     |          | 84       |          | $\top$  |         | $\top$       | 十            | $\top$   | $\dagger$   | $\dashv$  | $\dashv$ | $\dashv$ |          | 134        | H                                   | Н        | $\neg$   |          |          | -        | 一        |   | _        |
|            | 35       |                 |          |    |                |              | Γ          |                |              |            |          | 85       |          | 1       | T       | T            | $\top$       | $\neg \vdash$  | 7   | 一   | 寸        |          |          | 135        |                                     | $\vdash$ | $\neg$   |          |          |          | $\dashv$ |   |          |
|            | 36       |                 |          |    |                |              |            |                |              |            |          | 86       | 3        | $\top$  |         | T            | $\top$       | 十  | 1   | $\dashv$  | 寸        | $\neg$   |          | 136        | П                                   | $\Box$   |          |          |          |          | _        |   |          |
|            | 37       |                 |          |    |                |              |            |                |              |            |          | 87       | 7        | T       |         | Τ            | T            |  | T   |   |          |          |          | 137        |                                     | $\Box$   |          |          |          |          |          |   |          |
|            | 38       |                 |          |    |                |              |            |                |              |            |          | _ 88     | 3        |         |         | J            | T            | $\Box \Box$  |   |   |          |          |          | 138        |                                     |          |          |          |          |          | 7        |   |          |
|            | 39       |                 |          |    |                | L            |            |                |              |            |          | 89       |          |         | ╧       | Ι            | $oxed{T}$    | $oxed{\int}$   | T   | _T  |          |          |          | 139        |                                     |          |          |          |          |          |          |   |          |
|            | 40       |                 |          |    |                |              | <u>L</u>   |                |              |            |          | 90       |          |         |         | Ι            | $\int$       | I  | floor   |   |          |          |          | 140        |                                     |          |          |          |          |          |          |   |          |
|            | 41       |                 |          |    |                |              |            |                |              | Ш          |          | 91       | Ĺ        |         |         | Ι            | I            | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | $oldsymbol{ol}}}}}}}}}}}}}} $ | $oldsymbol{ol}}}}}}}}}}}}}}}$ |          |          |          | 141        |                                     |          |          |          |          |          |          |   |          |
|            | 42       |                 |          |    | Ш              | <u> </u>     |            |                |              | Ш          |          | 92       | 2        | L       |         | $\perp$      | Ι            | $\Box$   | I   | $\Box$  |          |          |          | 142        |                                     |          |          |          |          |          |          |   |          |
|            | 43       |                 |          |    | <u> </u>       | <u> </u>     | <u> </u>   |                |              |            | <u> </u> | 93       | 1        | ┵       | L       | $\perp$      |              | $\perp$  | $\prod$   |   |          |          |          | 143        |                                     |          |          |          |          |          |          |   |          |
|            | 44       |                 |          |    | L.             | ļ            |            | Щ              |              | $\Box$     | <u> </u> | 94       | 1        | ⊥       | $\perp$ | $\perp$      | 4            | $\bot$   |   |   | [        |          |          | 144        |                                     | LĴ       |          |          |          |          | Ī        |   |          |
|            | 45       |                 |          |    | ļ              | <u> </u>     | lacksquare | Ш              | Щ            | Ш          | <u> </u> | 95       | 1        | $\perp$ | $\perp$ | 1            | 4            |  | 4   |   | $\perp$  |          | L        | 145        |                                     | Ш        | $\Box$   |          | ]        | $\Box$   |          |   |          |
|            | 46       | _               |          |    |                |              |            |                |              |            | <u> </u> | 96       | 1        | $\perp$ | 4       | $\perp$      | 4            | $\bot$   |   | $\dashv$  | _        | _        |          | 146        |                                     |          |          |          |          | ]        |          |   |          |
|            | 47       | _               | _        |    |                |              |            | Щ              |              | $\Box$     |          | 97       | 1        |         | +       | 4            | 4            | 4  | $\perp$   | $\downarrow$  | $\perp$  | _        | <u></u>  | 147        |                                     | Ш        | $\perp$  |          |          |          |          |   |          |
|            | 48       | -               | $\dashv$ | -  | <u> </u>       | <b> </b>     | <u> </u>   | H              | _            |            |          | 98       | 4        |         | +       | 1            | 4            | $\perp$  | +   | 4   | _        | _        | <u> </u> | 148        |                                     | $\sqcup$ |          | _        |          |          | _        | _ |          |
|            | 49<br>50 | $\dashv$        | $\dashv$ | _  | H              | <u> </u>     | <u> </u>   | Н              |              |            | <u> </u> | 99       |          | +       | +       | +            | 4            | +  | 4   | _   | _        | _        | L        | 149        |                                     | Щ        |          |          | _        | 4        | _        |   |          |
|            | 50       | I               |          |    |                |              | L          | Ll             |              |            | L        | 10       | 1        | $\perp$ | _L      |              |              | 丄  |   | $\perp$   |          |          |          | 150        |                                     |          |          |          |          |          |          |   |          |